

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	BRS	0	5-enol ADJ pyruvylshikimate-3-phosphate adj synthase	USPAT	2000/11/09 09:52		
2	BRS	0	pyruvylshikimate-3-phosphate adj synthase	USPAT	2000/11/08 15:27		
3	BRS	0	pyruvylshikimate-3-phosphate	USPAT	2000/11/08 15:27		
4	BRS	1797	glyphosate	USPAT	2000/11/08 15:27		
5	BRS	669	glyphosate and (tolerant or tolerance)	USPAT	2000/11/08 15:28		
6	BRS	603	(glyphosate and (tolerant or tolerance)) and (corn or maize)	USPAT	2000/11/08 15:28		
7	BRS	5948151	((glyphosate and (tolerant or tolerance)) and (corn or maize) @pd<19960718	USPAT	2000/11/08 15:30		
8	BRS	0	((glyphosate and (tolerant or tolerance)) and (corn or maize)) and @pd<19960718 and (agricultural adj method)	USPAT	2000/11/08 15:31		
9	BRS	118	((glyphosate and (tolerant or tolerance)) and (corn or maize)) and @pd<19960718	USPAT	2000/11/08 15:34		
10	BRS	43	((glyphosate and (tolerant or tolerance)) and (corn or maize)) and @pd<19960718 and transgenic	USPAT	2000/11/08 15:34		
11	IS&R	17	((("5312910") or ("5145783") or ("4971908") or ("5310667") or ("5633435") or ("5188642") or ("5094945") or ("4535060") or ("5424412") or ("5510471") or ("5378619") or ("4940835") or ("5605011") or ("5013659") or ("4769061") or ("5627061") or ("5554798"))).PN.	USPAT	2000/11/09 09:54		

FILE 'HOME' ENTERED AT 14:42:35 ON 13 NOV 2000

=> file biosis caplus agricola

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'BIOSIS' ENTERED AT 14:42:45 ON 13 NOV 2000

COPYRIGHT (C) 2000 BIOSIS(R)

FILE 'CAPLUS' ENTERED AT 14:42:45 ON 13 NOV 2000

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2000 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'AGRICOLA' ENTERED AT 14:42:45 ON 13 NOV 2000

=> s pyruvylshikimate-3-phosphate (w) synthase

L1 23 PYRUVYLSHIKIMATE-3-PHOSPHATE (W) SYNTHASE

=> d 1-

YOU HAVE REQUESTED DATA FROM 23 ANSWERS - CONTINUE? Y/(N):y

L1 ANSWER 1 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS

AN 2000:335649 BIOSIS

DN PREV200000335649

TI A putative enolpyruvyl transferase gene involved in nikkomycin biosynthesis.

AU Lauer, Bettina; Suessmuth, Roderich; Kaiser, Dietmar; Jung, Guenther; Bormann, Christiane (1)

CS (1) Microbiology/Biotechnology, Institute of Biology II, University of Tuebingen, Auf der Morgenstelle 15, D-72076, Tuebingen Germany

SO Journal of Antibiotics (Tokyo), (April, 2000) Vol. 53, No. 4, pp. 385-392. print.

ISSN: 0021-8820.

DT Article

LA English

SL English

L1 ANSWER 2 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS

AN 1997:220307 BIOSIS

DN PREV199799512023

TI Cellular mechanisms influence differential glyphosate sensitivity in field bindweed (*Convolvulus arvensis*) biotypes.

AU Westwood, James H. (1); Weller, Stephen C.

CS (1) Dep. Plant Pathol. Physiol. Weed Sci., Virginia Polytechnic Inst. and State Univ., Blacksburg, VA 24061 USA

SO Weed Science, (1997) Vol. 45, No. 1, pp. 2-11.

ISSN: 0043-1745.

DT Article

LA English

L1 ANSWER 3 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS

AN 1996:106331 BIOSIS

DN PREV199698678466

TI Comparative analysis of the QUTR transcription repressor protein and the three C-terminal domains of the pentafunctional AROM enzyme.

AU Lamb, Heather K.; Moore, Jonathan D. (1); Lakey, Jeremy H.; Levett, Lisa J.; Wheeler, Kerry A.; Lago, Hugo; Coggins, John R.; Hawkins, Alastair R.

CS (1) Dep. Biochem. Genetics, Univ. Mewcastle upon Tyne, Farmlington Place, Newcastle upon Tyne NE2 4HH UK

SO Biochemical Journal, (1996) Vol. 313, No. 3, pp. 947-950.

ISSN: 0264-6021.  
DT Article  
LA English

L1 ANSWER 4 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1995:398701 BIOSIS  
DN PREV199598413001  
TI Only the mature form of the plastidic chorismate synthase is enzymatically active.  
AU Henstrand, John M.; Schmid, Jurg; Amrhein, Nikolaus (1)  
CS (1) Inst. Plant Sci., Swiss Federal Inst. Technol., Universitatstrasse 2, CH-8092 Zurich Switzerland  
SO Plant Physiology (Rockville), (1995) Vol. 108, No. 3, pp. 1127-1132.  
ISSN: 0032-0889.  
DT Article  
LA English

L1 ANSWER 5 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1992:506456 BIOSIS  
DN BA94:124981  
TI GLYPHOSATE TOLERANCE IN CICHORIUM-INTYBUS L. VAR. MAGDEBOURG.  
AU SELLIN C; FORLANI G; DUBOIS J; NIELSEN E; VASSEUR J  
CS LAB. PHYSIOL. MORPHOGENESE VEGETALE, UNIV. SCI. TECHNOL. LILLE, BAT. SN2, 59655 VILLENEUVE D'ASCQ CEDEX, FR.  
SO PLANT SCI (LIMERICK), (1992) 85 (2), 223-231.  
CODEN: PLSCE4. ISSN: 0168-9452.  
FS BA; OLD  
LA English

L1 ANSWER 6 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1991:340215 BIOSIS  
DN BA92:39590  
TI STRUCTURE AND TOPOLOGICAL SYMMETRY OF THE GLYPHOSATE TARGET 5 ENOLPYRUVYLSHIKIMATE-3-PHOSPHATE SYNTHASE A DISTINCTIVE PROTEIN FOLD.  
AU STALLINGS W C; ABDEL-MEGUID S S; LIM L W; SHIEH H-S; DAYRINGER H E; LEIMGRUBER N K; STEGEMAN R A; ANDERSON K S; SIKORSKI J A; ET AL  
CS MONSANTO CORPORATE RESEARCH, MONSANTO COMPANY, 700 CHESTERFIELD VILLAGE PARKWAY, ST. LOUIS, MO. 63198.  
SO PROC NATL ACAD SCI U S A, (1991) 88 (11), 5046-5050.  
CODEN: PNASA6. ISSN: 0027-8424.  
FS BA; OLD  
LA English

L1 ANSWER 7 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1989:9954 BIOSIS  
DN BA87:9954  
TI ARGININE CHEMICAL MODIFICATION OF PETUNIA-HYBRIDA 5 ENOL-PYRUVYLSHIKIMATE-3-PHOSPHATE SYNTHASE  
AU PADGETTE S R; SMITH C E; HUYNH Q K; KISHORE G M  
CS PLANT MOLECULAR BIOLOGY, 700 CHESTERFIELD VILLAGE PARKWAY, CHESTERFIELD, MISSOURI 63198.  
SO ARCH BIOCHEM BIOPHYS, (1988) 266 (1), 254-262.  
CODEN: ABBIA4. ISSN: 0003-9861.  
FS BA; OLD  
LA English

L1 ANSWER 8 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1988:159608 BIOSIS  
DN BA85:83261  
TI THE ESSENTIAL ROLE OF COBALT IN THE INHIBITION OF THE CYTOSOLIC ISOZYME OF 3 DEOXY-D-ARABINOHEPTULOSONATE-7-PHOSPHATE SYNTHASE FROM NICOTIANA-SILVESTRIS BY GLYPHOSATE.  
AU GANSON R J; JENSEN R A  
CS DEP. METAB. REGULATION, BOSTON BIOMED. RES. INST., 20 STANIFORD ST., BOSTON, MASS. 02114.  
SO ARCH BIOCHEM BIOPHYS, (1988) 260 (1), 85-93.  
CODEN: ABBIA4. ISSN: 0003-9861.  
FS BA; OLD  
LA English

L1 ANSWER 9 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1988:54454 BIOSIS  
DN BA85:31313  
TI BACTERIAL EXPRESSION AND ISOLATION OF PETUNIA-HYBRIDA 5 ENOL-  
**PYRUVYLSHIKIMATE 3-PHOSPHATE SYNTHASE**  
AU PADGETTE S R; HAI HUYNH Q; BORGMEYER J; SHAH D M; BRAND L A; BIEST RE D;  
BISHOP B F; ROGERS S G; FRALEY R T; KISHORE G M  
CS PLANT MOL. BIOL., CORPORATE RES. AND DEVELOPMENT STAFF, MONSANTO, 700  
CHESTERFIELD VILLAGE PARKWAY, CHESTERFIELD, MISSOURI 63138.  
SO ARCH BIOCHEM BIOPHYS, (1987) 258 (2), 564-573.  
CODEN: ABBIA4. ISSN: 0003-9861.  
FS BA; OLD  
LA English

L1 ANSWER 10 OF 23 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1987:404555 BIOSIS  
DN BA84:80735  
TI GLYPHOSATE SENSITIVITY OF 5 ENOL **PYRUVYLSHIKIMATE-3-  
PHOSPHATE SYNTHASE** FROM BACILLUS-SUBTILIS DEPENDS UPON  
STATE OF ACTIVATION INDUCED BY MONOVALENT CATIONS.  
AU FISCHER R S; RUBIN J L; GAINES C G; JENSEN R A  
CS DEP. MICROBIOLOGY AND CELL SCIENCE, 1059 MCCARTY HALL, UNIV. FLORIDA,  
GAINESVILLE, FLA. 32611.  
SO ARCH BIOCHEM BIOPHYS, (1987) 256 (1), 325-334.  
CODEN: ABBIA4. ISSN: 0003-9861.  
FS BA; OLD  
LA English

L1 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2000 ACS  
AN 2000:291478 CAPLUS  
DN 133:203656  
TI A putative enolpyruvyl transferase gene involved in nikkomycin  
biosynthesis  
AU Lauer, Bettina; Sussmuth, Roderich; Kaiser, Dietmar; Jung, Gunther;  
Bormann, Christiane  
CS University of Tübingen, Institute of Biology II,  
Microbiology/Biotechnology, Tübingen, D-72076, Germany  
SO J. Antibiot. (2000), 53(4), 385-392  
CODEN: JANTAJ; ISSN: 0021-8820  
PB Japan Antibiotics Research Association  
DT Journal  
LA English  
RE.CNT 26  
RE

- (1) Anderson, K; Chem Rev 1990, V90, P1131 CAPLUS
  - (2) Bormann, C; J Antibiotics 1989, V42, P913 CAPLUS
  - (3) Bormann, C; J Bacteriol 1996, V178, P1216 CAPLUS
  - (4) Brown, E; Biochemistry 1994, V33, P10638 CAPLUS
  - (5) Bruntner, C; Eur J Biochem 1998, V254, P347 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2000 ACS  
AN 1998:174594 CAPLUS  
DN 128:267180  
TI Glyphosate is an inhibitor of plant cytochrome P450: functional expression  
of Thlaspi arvensae cytochrome P45071B1/reductase fusion protein in  
Escherichia coli  
AU Lamb, D. C.; Kelly, D. E.; Hanley, S. Z.; Mehmood, Z.; Kelly, S. L.  
CS Institute of Biological Sciences, University of Wales Aberystwyth,  
Aberystwyth, SY23 3DA, UK  
SO Biochem. Biophys. Res. Commun. (1998), 244(1), 110-114  
CODEN: BBRCA9; ISSN: 0006-291X  
PB Academic Press  
DT Journal  
LA English

L1 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2000 ACS  
AN 1997:258162 CAPLUS

BEST AVAILABLE COPY

DN 126:273614  
 TI Cellular mechanisms influencing differential glyphosate sensitivity in field bindweed (*Convolvulus arvensis*) biotypes  
 AU Westwood, James H.; Weller, Stephen C.  
 CS Dep. of Plant Pathology, Physiology, and Weed Science, Virginia Polytechnic Institute and State University, Blacksburg, VA, 24061, USA  
 SO Weed Sci. (1997), 45(1), 2-11  
 CODEN: WEESA6; ISSN: 0043-1745  
 PB Weed Science Society of America  
 DT Journal  
 LA English

L1 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2000 ACS  
 AN 1995:695578 CAPLUS  
 DN 123:193596  
 TI Only the mature form of the plastidic chorismate synthase is enzymically active  
 AU Henstrand, John M.; Schmid, Jurg; Amrhein, Nikolaus  
 CS Inst. Plant Sciences, Swiss Federal Inst. of Technology, Zurich, CH-8092, Switz.  
 SO Plant Physiol. (1995), 108(3), 1127-32  
 CODEN: PLPHAY; ISSN: 0032-0889  
 DT Journal  
 LA English

L1 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2000 ACS  
 AN 1991:601904 CAPLUS  
 DN 115:201904  
 TI Structure and topological symmetry of the glyphosate target 5-enol-pyruvylshikimate-3-phosphate synthase : a distinctive protein fold  
 AU Stallings, William C.; Abdel-Meguid, Sherin S.; Lim, Louis W.; Shieh, Huey Sheng; Dayringer, Henry E.; Leimgruber, Nancy K.; Stegeman, Roderick A.; Anderson, Karen S.; Sikorski, James A.; et al.  
 CS Monsanto Corp. Res. Technol. Div., Monsanto Agric. Co., St. Louis, MO, 63198, USA  
 SO Proc. Natl. Acad. Sci. U. S. A. (1991), 88(11), 5046-50  
 CODEN: PNASA6; ISSN: 0027-8424  
 DT Journal  
 LA English

L1 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2000 ACS  
 AN 1988:625730 CAPLUS  
 DN 109:225730  
 TI Arginine chemical modification of *Petunia hybrida* 5-enol-pyruvylshikimate-3-phosphate synthase  
 AU Padgett, Stephen R.; Smith, Christine E.; Quang Khai Huynh; Kishore, Ganesh M.  
 CS Plant Mol. Biol. Group, Monsanto, Chesterfield, MO, 63198, USA  
 SO Arch. Biochem. Biophys. (1988), 266(1), 254-62  
 CODEN: ABBIA4; ISSN: 0003-9861  
 DT Journal  
 LA English

L1 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2000 ACS  
 AN 1988:70579 CAPLUS  
 DN 108:70579  
 TI Effects of glyphosate on the biosynthetic pathways in leaf disks of pea plants  
 AU Honzawa, Shooichi; Matsunaka, Shooichi  
 CS Grad. Sch. Sci. Technol., Kobe Univ., Kobe, 657, Japan  
 SO Zasso Kenkyu (1987), 32(1), 13-17  
 CODEN: ZASKAN; ISSN: 0372-798X  
 DT Journal  
 LA Japanese

L1 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2000 ACS  
 AN 1988:1512 CAPLUS  
 DN 108:1512  
 TI Bacterial expression and isolation of *Petunia hybrida* 5-enol-

BEST AVAILABLE COPY

**pyruvylshikimate-3-phosphate synthase**  
 AU Padgette, Stephen R.; Huynh, H. Khai; Borgmeyer, Jeffery; Shah, Dilip M.;  
 Brand, Leslie A.; Re, Diane Biest; Bishop, Bruce F.; Rogers, Stephen G.;  
 Fraley, Robert T.; Kishore, Ganesh M.  
 CS Plant Mol. Biol. Groups, Monsanto, Chesterfield, MO, 63198, USA  
 SO Arch. Biochem. Biophys. (1987), 258(2), 564-73  
 CODEN: ABBIA4; ISSN: 0003-9861  
 DT Journal  
 LA English

L1 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2000 ACS  
 AN 1987:549916 CAPLUS  
 DN 107:149916  
 TI Glyphosate sensitivity of 5-enol-pyruvylshikimate-3-phosphate synthase from *Bacillus subtilis* depends upon state of activation induced by monovalent cations  
 AU Fischer, Randy S.; Rubin, Judith L.; Gaines, C. Greg; Jensen, Roy A.  
 CS Cent. Somatic-Cell Genet. Biochem., State Univ. New York, Binghamton, NY, 13901, USA  
 SO Arch. Biochem. Biophys. (1987), 256(1), 325-34  
 CODEN: ABBIA4; ISSN: 0003-9861  
 DT Journal  
 LA English

L1 ANSWER 20 OF 23 AGRICOLA  
 AN 1999:65454 AGRICOLA  
 DN IND22000112  
 TI Cellular mechanisms influence differential glyphosate sensitivity in field bindweed (*Convolvulus arvensis* biotypes).  
 AU Westwood, J.H.; Weller, S.C.  
 CS Virginia Polytechnic Institute and State University, Blacksburg, VA.  
 AV DNAL (79.8 W41)  
 SO Weed science, Jan/Feb 1997. Vol. 45, No. 1. p. 2-11  
 Publisher: Lawrence, KS : Weed Science Society of America.  
 CODEN: WEESA6; ISSN: 0043-1745  
 NTE Includes references  
 CY Kansas; United States  
 DT Article  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

L1 ANSWER 21 OF 23 AGRICOLA  
 AN 1999:53577 AGRICOLA  
 DN IND21991972  
 TI Cellular mechanisms influence differential glyphosate sensitivity in field bindweed (*Convolvulus arvensis*).  
 AU Westwood, J.H.; Weller, S.C.  
 CS Virginia Polytechnic Institute and State University, Blacksburg, VA.  
 SO Weed science, Jan/Feb 1997. Vol. 45, No. 1. p. 2-11  
 Publisher: Lawrence, KS : Weed Science Society of America.  
 CODEN: WEESA6; ISSN: 0043-1745  
 NTE Includes references  
 CY Kansas; United States  
 DT Article  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

L1 ANSWER 22 OF 23 AGRICOLA  
 AN 91:59843 AGRICOLA  
 DN IND91032108  
 TI Structure and topological symmetry of the glyphosate target 5-enol-pyruvylshikimate-3-phosphate synthase : A distinctive protein fold.  
 AU Stallings, W.C.; Abdel-Meguid, S.S.; Lim, L.W.; Shieh, H.S.; Dayringer, H.E.; Leimgruber, N.K.; Stegeman, R.A.; Anderson, K.S.; Sikorski, J.A.; Padgette, S.R.; Kishore, G.M.  
 CS Monsanto Company, St. Louis, MO  
 AV DNAL (500 N21P)  
 SO Proceedings of the National Academy of Sciences of the United States of America, June 1, 1991. Vol. 88, No. 11. p. 5046-5050

BEST AVAILABLE COPY

Publisher: Washington, D.C. The Academy.  
 CODEN: PNASA6; ISSN: 0027-8424

NTE Includes references.  
 DT Article  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

L1 ANSWER 23 OF 23 AGRICOLA  
 AN 89:14583 AGRICOLA  
 DN IND88060391  
 TI Arginine chemical modification of Petunia hybrida 5-enol-  
**pyruvylshikimate-3-phosphate synthase**

AU Padgette, S.R.; Smith, C.E.; Huynh, Q.K.; Kishore, G.M.  
 AV DNAL (381 AR2)  
 SO Archives of biochemistry and biophysics, Oct 1988. Vol. 266, No. 1. p.  
 254-262  
 Publisher: Duluth, Minn. : Academic Press.  
 CODEN: ABBIA4; ISSN: 0003-9861

NTE Includes references.  
 DT Article  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

=> s glyphosate (s) toler####

L2 626 GLYPHOSATE (S) TOLER####

=> s l2 and maize

L3 21 L2 AND MAIZE

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 14 DUP REM L3 (7 DUPLICATES REMOVED)

=> d 1-

YOU HAVE REQUESTED DATA FROM 14 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2000 ACS  
 AN 2000:157755 CAPLUS  
 DN 132:191900  
 TI Inbred sweet corn line R398D  
 IN Plaisted, Douglas C.; Grier, Stephen L.; Houghton, Wesley  
 PA Novartis A.-G., Switz.  
 SO U.S., 9 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 6034306	A	20000307	US 1999-318102	19990524

L4 ANSWER 2 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 1  
 AN 2000:301481 BIOSIS  
 DN PREV200000301481  
 TI The impact of **glyphosate-tolerant** crops on the use of  
 other herbicides and on resistance management.  
 AU Shaner, Dale L.  
 SO Pest Management Science, (April, 2000) Vol. 56, No. 4, pp. 320-326. print.  
 ISSN: 1526-498X.  
 DT Article  
 LA English  
 SL English

BEST AVAILABLE COPY

L4 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2000 ACS

AN 1999:748373 CAPLUS

DN 131:334668

TI Inbred sweet corn line W1498A (ATCC 203904) containing Bacillus Cry1Ab gene for insect resistance as well as insect, disease, virus, and herbicide resistance genes

IN Plaisted, Douglas C.; Grier, Stephen L.; Houghton, Wesley

PA Novartis A.-G., Switz.

SO U.S., 10 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5990395	A	19991123	US 1999-318103	19990524

L4 ANSWER 4 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 2

AN 2000:108450 BIOSIS

DN PREV200000108450

TI Genetically modified organisms in food-screening and specific detection by polymerase chain reaction.

AU Vollenhofer, Sabine (1); Burg, Kornel; Schmidt, Josef; Kroath, Hans

CS (1) Biotechnology Unit, Austrian Research Centers Seibersdorf, A-2444, Seibersdorf Austria

SO Journal of Agricultural and Food Chemistry, (Dec., 1999) Vol. 47, No. 12, pp. 5038-5043.

ISSN: 0021-8561.

DT Article

LA English

SL English

L4 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2000 ACS

AN 1999:491418 CAPLUS

DN 131:143706

TI Short communication. Detection of genetically modified organisms in food

AU Vollenhofer, Sabine; Burg, Kornel; Schmidt, Josef; Kroath, Hans

CS Biotechnol. Unit, Austrian Res. Centers Seibersdorf, Seibersdorf, A-2444, Austria

SO Dtsch. Lebensm.-Rundsch. (1999), 95(7), 275-278

CODEN: DLRUAJ; ISSN: 0012-0413

PB Wissenschaftliche Verlagsgesellschaft

DT Journal

LA English

RE.CNT 8

RE

(1) Hassan-Hauser, C; Z Lebensm Unters Forsch 1998, V206, P83 CAPLUS

(2) Hupfer, C; Z Lebensm Unters Forsch 1998, V206, P203 CAPLUS

(3) Meyer, R; Z Lebensm Unters Forsch 1995, V201, P583 CAPLUS

(4) Pietsch, K; Dtsch Lebensm Rundsch 1997, V93, P35 CAPLUS

(6) Studer, E; Z Lebensm Unters Forsch 1998, V207, P207 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 3

AN 1999:362877 BIOSIS

DN PREV199900362877

TI The official method for the detection of genetically modified soybeans (German Food Act LMBG paragraph 35): A semi-quantitative study of sensitivity limits with **glyphosate-tolerant** soybeans

(Roundup Ready) and insect-resistant Bt **maize** (Maximizer.

AU Jankiewicz, A. (1); Broll, H.; Zagon, J.

CS (1) Federal Institute for Health Protection of Consumers and Veterinary Medicine (BgVV), Thielallee 88-92, D-14195, Berlin Germany

SO Zeitschrift fuer Lebensmittel-Untersuchung und -Forschung A, (1999) Vol. 209, No. 2, pp. 77-82.

ISSN: 1431-4630.

DT Article

LA English

SL English

BEST AVAILABLE COPY



L4 ANSWER 7 OF 14 AGRICOLA  
AN 2000:10427 AGRICOLA  
DN IND22024322  
TI The official method for the detection of genetically modified soybeans (German Food Act LMBG 35): a semi-quantitative study of sensitivity limits with **glyphosate-tolerant** soybeans (Roundup Ready) and insect-resistant Bt **maize** (Maximizer).  
AU Jankiewicz, A.; Broll, H.; Zagon, J.  
CS Federal Institute for Health Protection of Consumers and Veterinary Medicine, Berlin, Germany.  
AV DNAL (TX341.245)  
SO European food research and technology = Zeitschrift fur Lebensmittel-Untersuchung und -Forschung. A, 1999. Vol. 209, No. 2. p. 77-82  
Publisher: Berlin : Springer, c1999-  
ISSN: 1438-2377  
NTE Includes references  
CY Germany  
DT Article  
FS Non-U.S. Imprint other than FAO  
LA English

L4 ANSWER 8 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS  
AN 1999:236482 BIOSIS  
DN PREV199900236482  
TI New approaches in **maize** breeding for resistance to bioagents and herbicides.  
AU Ivanovic, Dragica (1); Ivanovic, M.  
CS (1) Maize Research Institute, Zemun Polje, Belgrade-Zemun Yugoslavia  
SO Zastita Bilja, (1998) Vol. 49, No. 1, pp. 5-27.  
ISSN: 0372-7866.  
DT (MANUAL)  
LA Slovenian  
SL English; Slovenian

L4 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2000 ACS  
AN 1998:610199 CAPLUS  
DN 130:2219  
TI Results from expression of the cp4 EPSPS gene in new RoundupReady crop varieties  
AU Costa, J.; Fernandez, J.; Saiz, T.  
CS Monsanto Espana, S.A., Madrid, 28036, Spain  
SO Actas - Congr., Soc. Esp. Malherbol. (1997), 401-406 Publisher: Sociedad Espanola de Malherbologia, Lleida, Spain.  
CODEN: 66ROA7  
DT Conference  
LA Spanish  
RE.CNT 7  
RE

(1) Andreasen, C; Proc Int Symposium on Weed and Crop Resistance to Herbicides Cordoba 1995 1996, P175  
(2) Brants, I; Proc Int Symposium on Weed and Crop Resistance to Herbicides Cordoba 1995 1996, P221  
(3) Costa, J; Actas Congreso 1995 de la Soc Espanola de Malherbologia 1995, P363  
(5) Harrison, L; Journal of Nutrition 1996, V126, P728 CAPLUS  
(6) Padgett, S; Crop Science 1995, V35, P1451 CAPLUS  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 4  
AN 1995:351581 BIOSIS  
DN PREV199598365881  
TI **Glyphosate tolerance** in **maize** (Zea mays L.):  
2. Selection and characterization of a **tolerant** somaclone.  
AU Racchi, Milvia L. (1); Rebecchi, Matteo (1); Todesco, Giuliano (1); Nielsen, Erik; Forlani, Giuseppe  
CS (1) Dep. Genetics Microbiol., Univ. Milan, I-20100 Milan Italy  
SO Euphytica, (1995) Vol. 82, No. 2, pp. 165-173.  
ISSN: 0014-2336.  
DT Article

LA English

L4 ANSWER 11 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 5

AN 1995:351580 BIOSIS

DN PREV199598365880

TI **Glyphosate tolerance** in **maize** (Zea mays L.):

1. Differential response among inbred lines.

AU Forlani, Giuseppe (1); Racchi, Milvia L.

CS (1) Dep. Genetics Microbiol., Univ. Pavia, I-27100 Pavia Italy

SO Euphytica, (1995) Vol. 82, No. 2, pp. 157-164.

ISSN: 0014-2336.

DT Article

LA English

L4 ANSWER 12 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 6

AN 1992:373099 BIOSIS

DN BA94:55149

TI VARIABILITY OF POLLEN AND PLANT RESPONSES TO GLYPHOSATE IN **MAIZE**

AU FRASCAROLI E; LANDI P; SARI GORLA M; OTTAVIANO E

CS IST. AGRONOMIA GENERALE, UNIV. BOLOGNA, VIA FILIPPO RE 6, 40126 BOLOGNA, ITALY.

SO J GENET BREED, (1992) 46 (1), 49-56.

CODEN: JGBREX.

FS BA; OLD

LA English

L4 ANSWER 13 OF 14 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 7

AN 1992:481483 BIOSIS

DN BA94:112858

TI A **GLYPHOSATE**-RESISTANT 5 ENOLPYRUVYLSHIKIMATE-3-PHOSPHATE

SYNTHASE CONFERS **TOLERANCE** TO A **MAIZE** CELL LINE.

AU FORLANI G; NIELSEN E; RACCHI M L

CS DIP. GENETICA MICROBIOLOGIA, VIA ABBIATEGRASSO 207, I-27100 PAVIA, ITALY.

SO PLANT SCI (LIMERICK), (1992) 85 (1), 9-15.

CODEN: PLSCE4. ISSN: 0168-9452.

FS BA; OLD

LA English

L4 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2000 ACS

AN 1991:529118 CAPLUS

DN 115:129118

TI **Glyphosate-tolerant** 3-enolpyruvyl-3-phosphoshikimate

synthases and transgenic **glyphosate-tolerant** plants

IN Eichholtz, David Alan; Kishore, Ganesh Murthy; Gasser, Charles Scott

PA Monsanto Co., USA

SO Eur. Pat. Appl., 45 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 409815	A1	19910123	EP 1990-870111	19900716
	R: GR				
	US 5310667	A	19940510	US 1989-380963	19890717
	CA 2059266	AA	19910118	CA 1990-2059266	19900621
	WO 9104323	A1	19910404	WO 1990-US3495	19900621
	W: AU, BG, BR, CA, FI, HU, JP, NO, RO, SU				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	AU 9066381	A1	19910418	AU 1990-66381	19900621
	AU 640179	B2	19930819		
	EP 483287	A1	19920506	EP 1990-916406	19900621
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
	BR 9007550	A	19920623	BR 1990-7550	19900621
	HU 60766	A2	19921028	HU 1991-4095	19900621
	JP 05508071	T2	19931118	JP 1990-515220	19900621
	ZA 9005570	A	19910529	ZA 1990-5570	19900716
PRAI	US 1989-380963		19890717		
	WO 1990-US3495		19900621		

=> d his

(FILE 'HOME' ENTERED AT 14:42:35 ON 13 NOV 2000)

FILE 'BIOSIS, CAPLUS, AGRICOLA' ENTERED AT 14:42:45 ON 13 NOV 2000

L1 23 S PYRUVYLSHIKIMATE-3-PHOSPHATE (W) SYNTHASE  
L2 626 S GLYPHOSATE (S) TOLER####  
L3 21 S L2 AND MAIZE  
L4 14 DUP REM L3 (7 DUPLICATES REMOVED)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	55.67	55.82

STN INTERNATIONAL LOGOFF AT 14:46:26 ON 13 NOV 2000